

REACH Communication of Uses to Downstream Users

Industrial and Specialty Gases - Ethane

The following table outlines REACH uses defined by Air Products for Ethane

For a complete reference of the Use Descriptor System, please refer to the

[Guidance on Information Requirements and Chemical Safety Assessment, Chapter R.12: Use Descriptor System \(Draft, 09/18/2009\)](#)

published by the European Chemicals Agency (ECHA)

Use Description short form	Sector of Use	Process Category	Product Category	Environmental Release Category
Using gas alone or in mixtures for the calibration of analysis equipment	0-2 Other activities related to manufacture and services	3 Use in closed batch process (synthesis or formulation)	21	8D
Feedstock in chemical processes	3 Industrial uses	1 Use in closed process, no likelihood of exposure	19	6A
Formulation of mixtures with gas in pressure receptacles	10 Formulation	3 Use in closed batch process (synthesis or formulation)	N/A	2
Transfiling gas or liquid	10 Formulation	9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)	N/A	2
Using gas for metal treatment	15 Manufacture of fabricated metal products, except machinery and equipment	22 Potentially closed processing operations with minerals/metals at elevated temperature Industrial setting	14	TBD*
Use gas to refill refrigeration equipment, Refrigerant gas	3 Industrial uses 22 Professional uses	8b Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities	16	7

* To Be Determined